

Claims

- [c1] 1. An organic electroluminescent device, comprising:
an anode, disposed on a substrate;
an emitting layer, disposed on the anode, wherein the emitting layer comprises a blue emitting layer and a reddish orange emitting layer, and wherein the blue emitting layer comprises a dark-blue emitting layer and a light-blue emitting layer; and
a cathode, disposed on the emitting layer.
- [c2] 2. The organic electroluminescent device of claim 1, wherein the blue emitting layer is disposed on the anode, and the reddish orange emitting layer is disposed between the blue emitting layer and the cathode.
- [c3] 3. The organic electroluminescent device of claim 2, wherein the dark-blue emitting layer is disposed on the anode, and the light-blue emitting layer is disposed between the dark-blue emitting layer and the reddish orange emitting layer.
- [c4] 4. The organic electroluminescent device of claim 2, wherein the light-blue emitting layer is disposed on the anode, and the dark-blue emitting layer is disposed be-

tween the light-blue emitting layer and the reddish orange emitting layer.

[c5] 5. The organic electroluminescent device of claim 1, wherein the reddish orange emitting layer is disposed on the anode, and the blue emitting layer is disposed between the reddish orange emitting layer and the cathode.

[c6] 6. The organic electroluminescent device of claim 5, wherein the dark-blue emitting layer is disposed on the reddish orange emitting layer, and the light-blue emitting layer is disposed between the dark-blue emitting layer and the cathode.

[c7] 7. The organic electroluminescent device of claim 5, wherein the light-blue emitting layer is disposed on the reddish orange emitting layer, and the dark-blue emitting layer is disposed between the light-blue emitting layer and the cathode.

[c8] 8. A manufacturing method of an organic electroluminescent device, comprising:
forming an anode on a substrate;
forming an emitting layer on the anode, wherein the emitting layer comprises a blue emitting layer and a reddish orange emitting layer, and wherein the blue emitting layer comprises a dark-blue emitting layer and a

light-blue emitting layer; and
forming a cathode on the emitting layer.

- [c9] 9. The manufacturing method of claim 8, wherein the method of forming the emitting layer comprises:
forming the blue emitting layer on the anode; and
forming the reddish orange emitting layer on the blue emitting layer.
- [c10] 10. The manufacturing method of claim 9, wherein the method of forming the blue emitting layer comprises:
forming the dark-blue emitting layer on the anode; and
forming the light-blue emitting layer on the dark-blue emitting layer.
- [c11] 11. The manufacturing method of claim 9, wherein the method of forming the blue emitting layer comprises:
forming the light-blue emitting layer on the anode; and
forming the dark-blue emitting layer on the light-blue emitting layer.
- [c12] 12. The manufacturing method of claim 8, wherein the step of forming the emitting layer comprises:
forming the reddish orange emitting layer on the anode;
and
forming the blue emitting layer on the reddish orange emitting layer.

[c13] 13. The manufacturing method of claim 12, wherein the step of forming the blue emitting layer comprises:
forming the dark-blue emitting layer the reddish orange emitting layer; and
forming the light-blue emitting layer on the dark-blue emitting layer.

[c14] 14. The manufacturing method of claim 12, wherein the step of forming the blue emitting layer comprises:
forming the light-blue emitting layer on the reddish orange emitting layer; and
forming the dark-blue emitting layer on the light-blue emitting layer.